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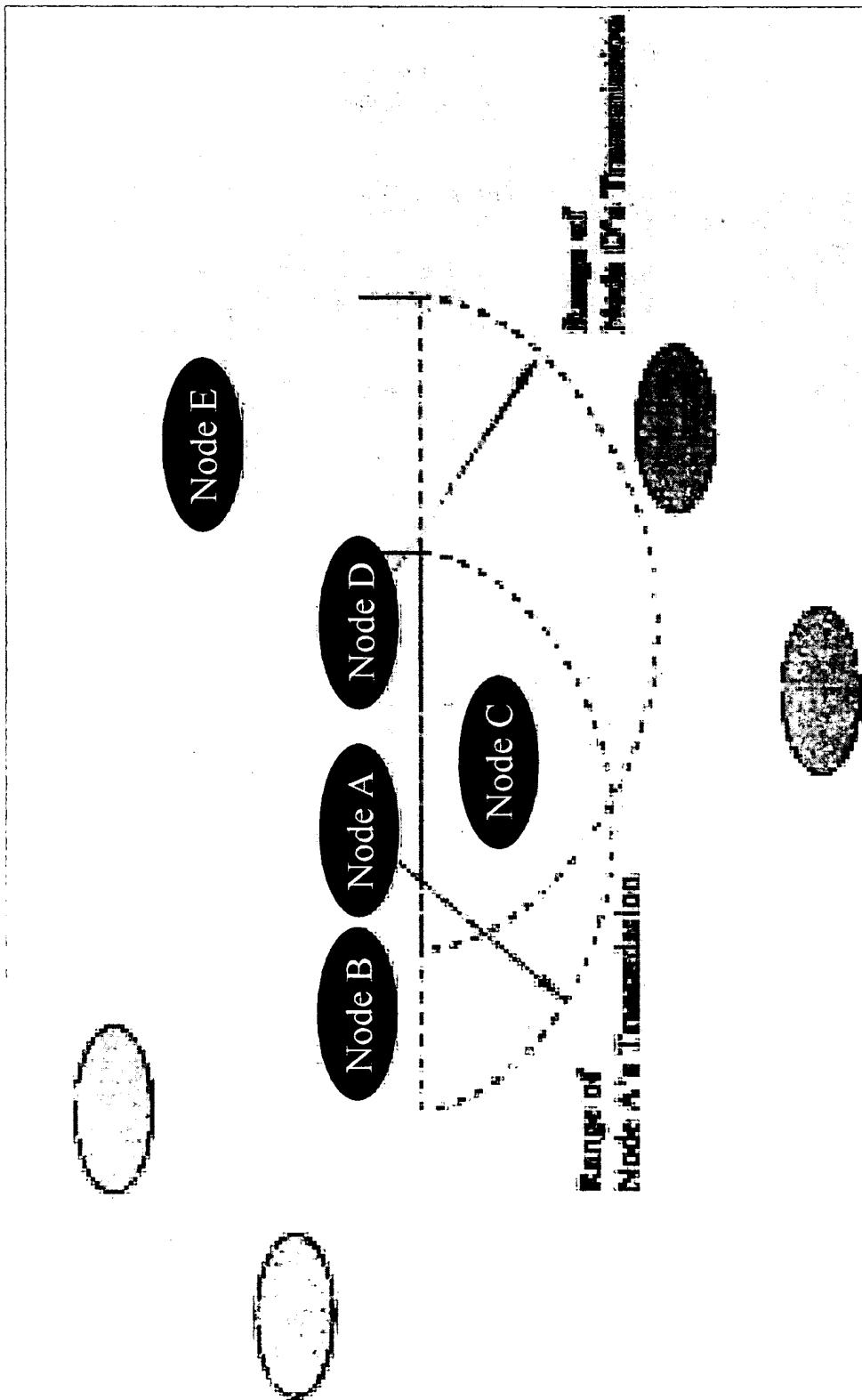


FIG. 1

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Node ID	Neighbor ID	Transmit Power Level
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FIG. 2: Signaling Packet Format

Source ID	Destination ID	Current Node ID
Next Node ID	# of Re-Transmissions	Payload

FIG 3: Data Packet Format

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Node ID	Neighbor ID	Transmit Power Level
A	B	P <sub>1</sub>
	C	P <sub>1</sub>
A	D	P <sub>1</sub>
	A	P <sub>2</sub>
B	C	P <sub>2</sub>
B	E	P <sub>2</sub>

Connectivity Table Format

FIG 4

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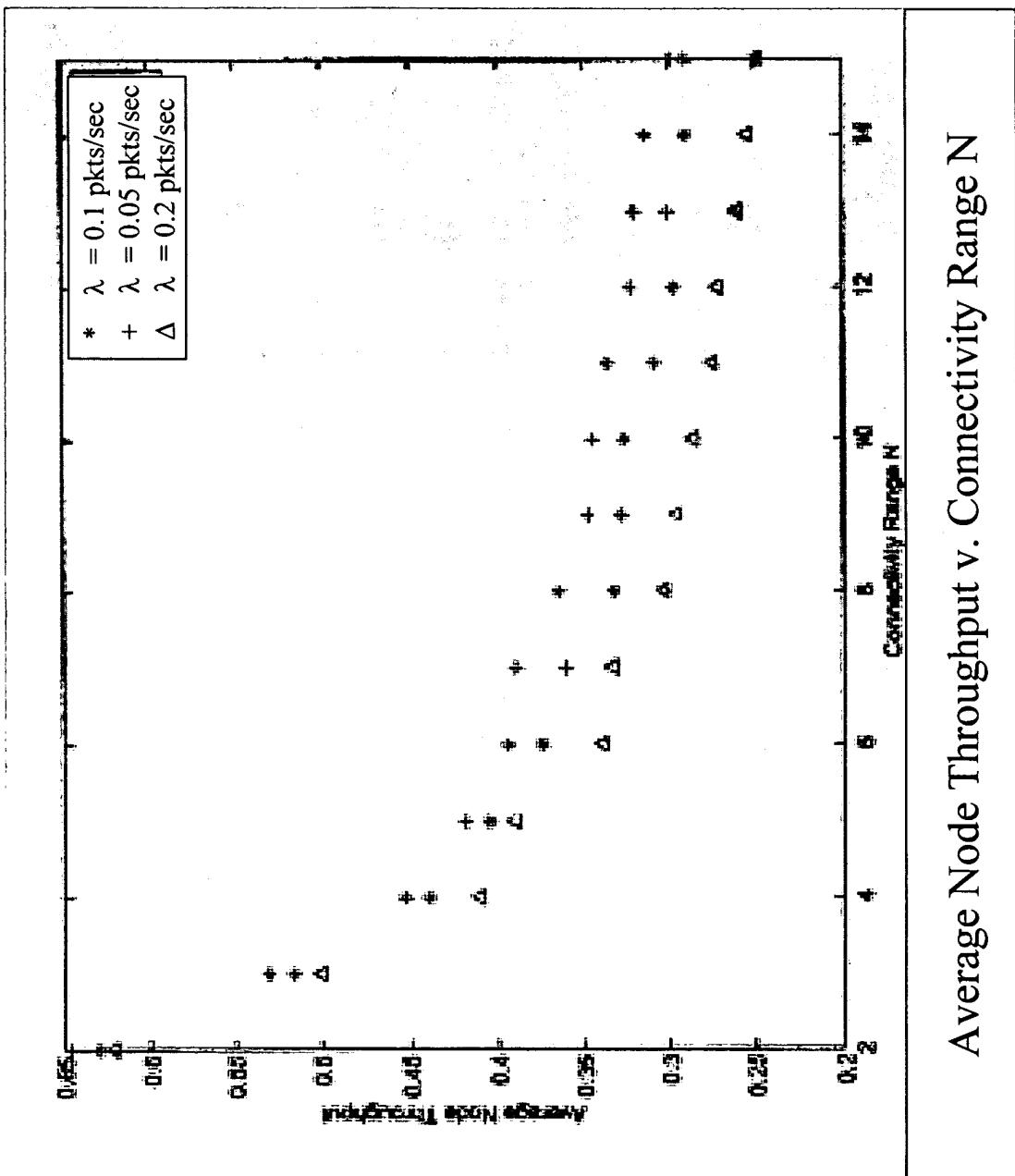


FIG 5

Average Node Throughput v. Connectivity Range N

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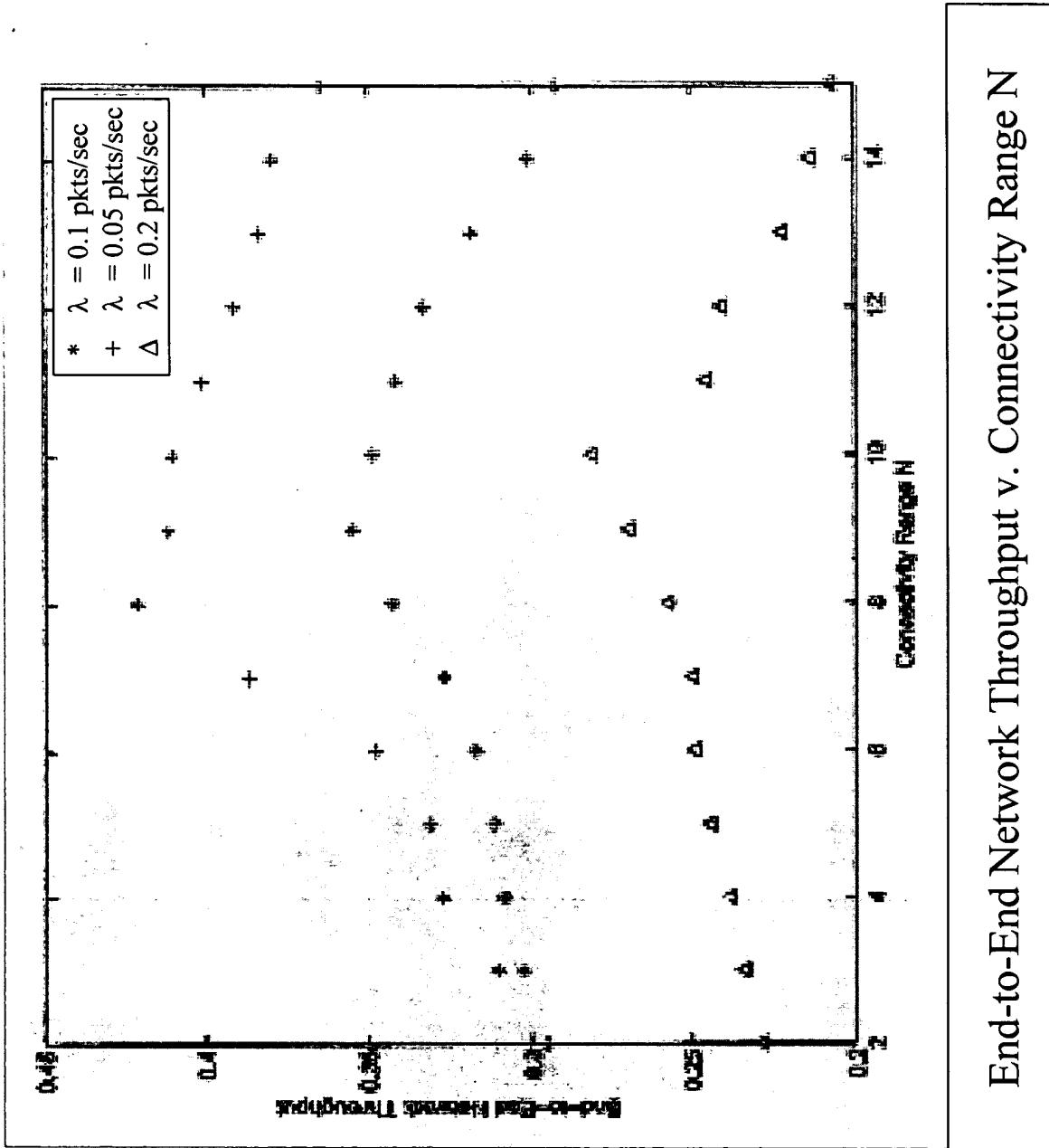
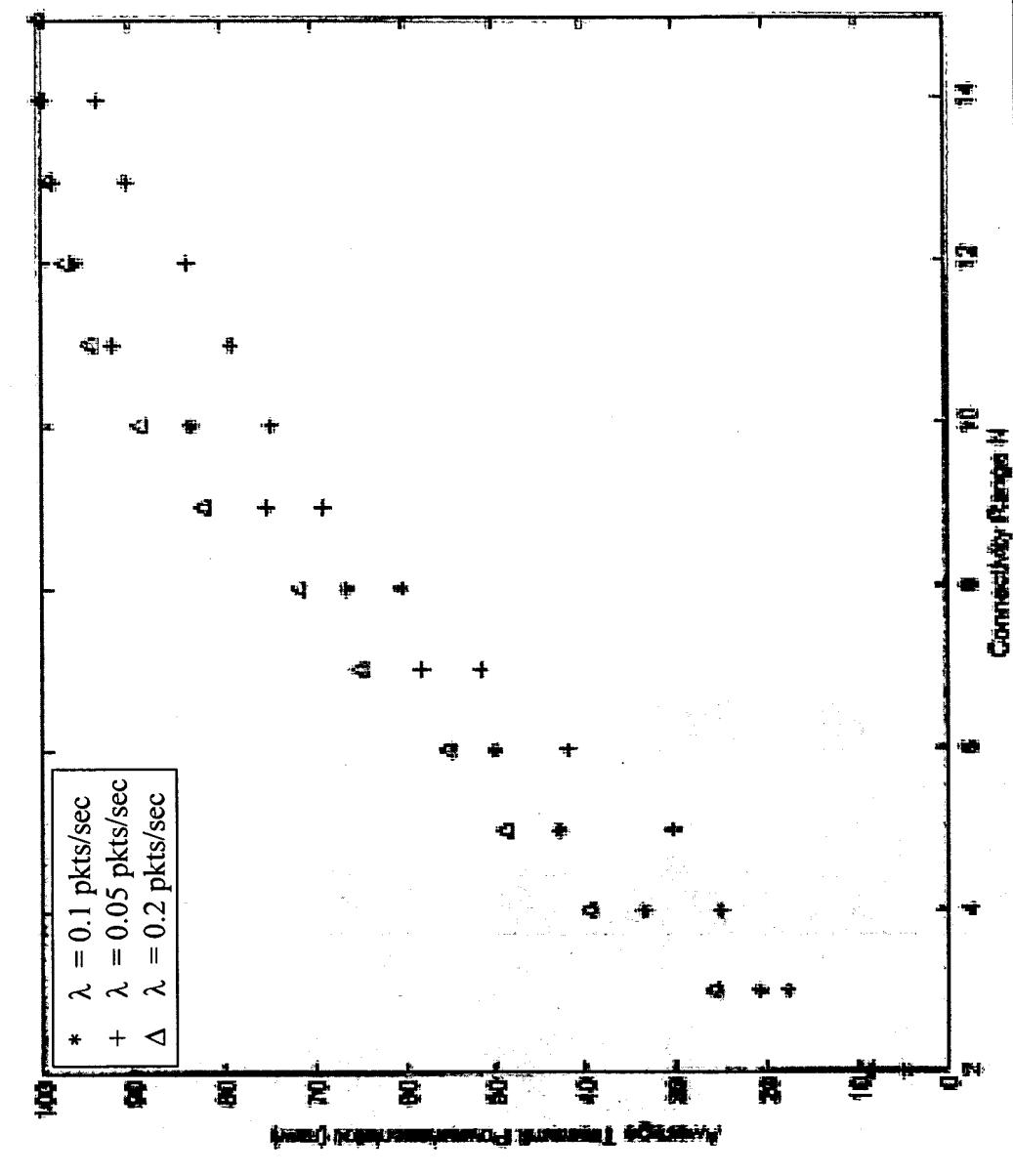


FIG 6

End-to-End Network Throughput v. Connectivity Range N

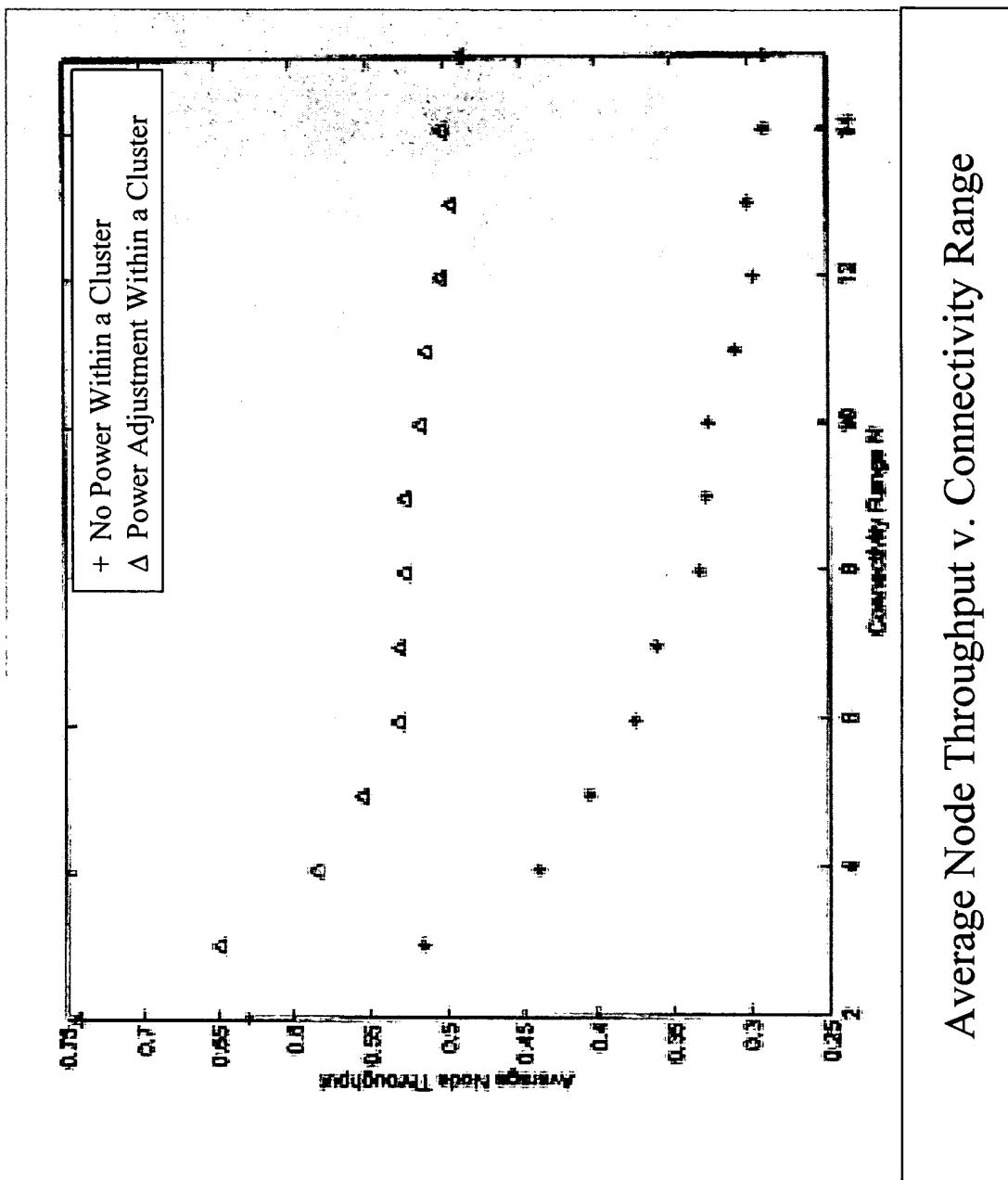
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Average Power Consumption (mW) v. Connectivity Range N

FIG 7

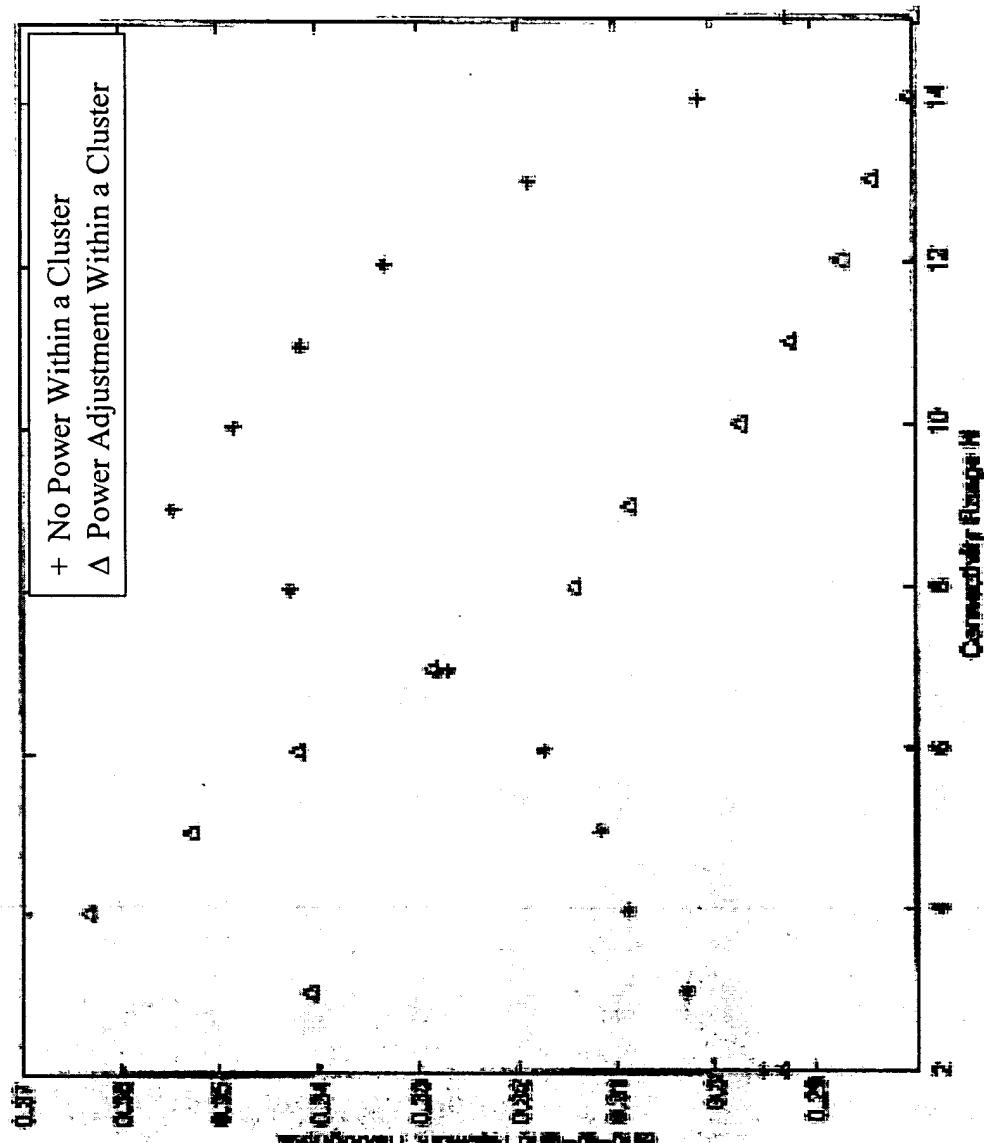
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Average Node Throughput v. Connectivity Range

FIG 8

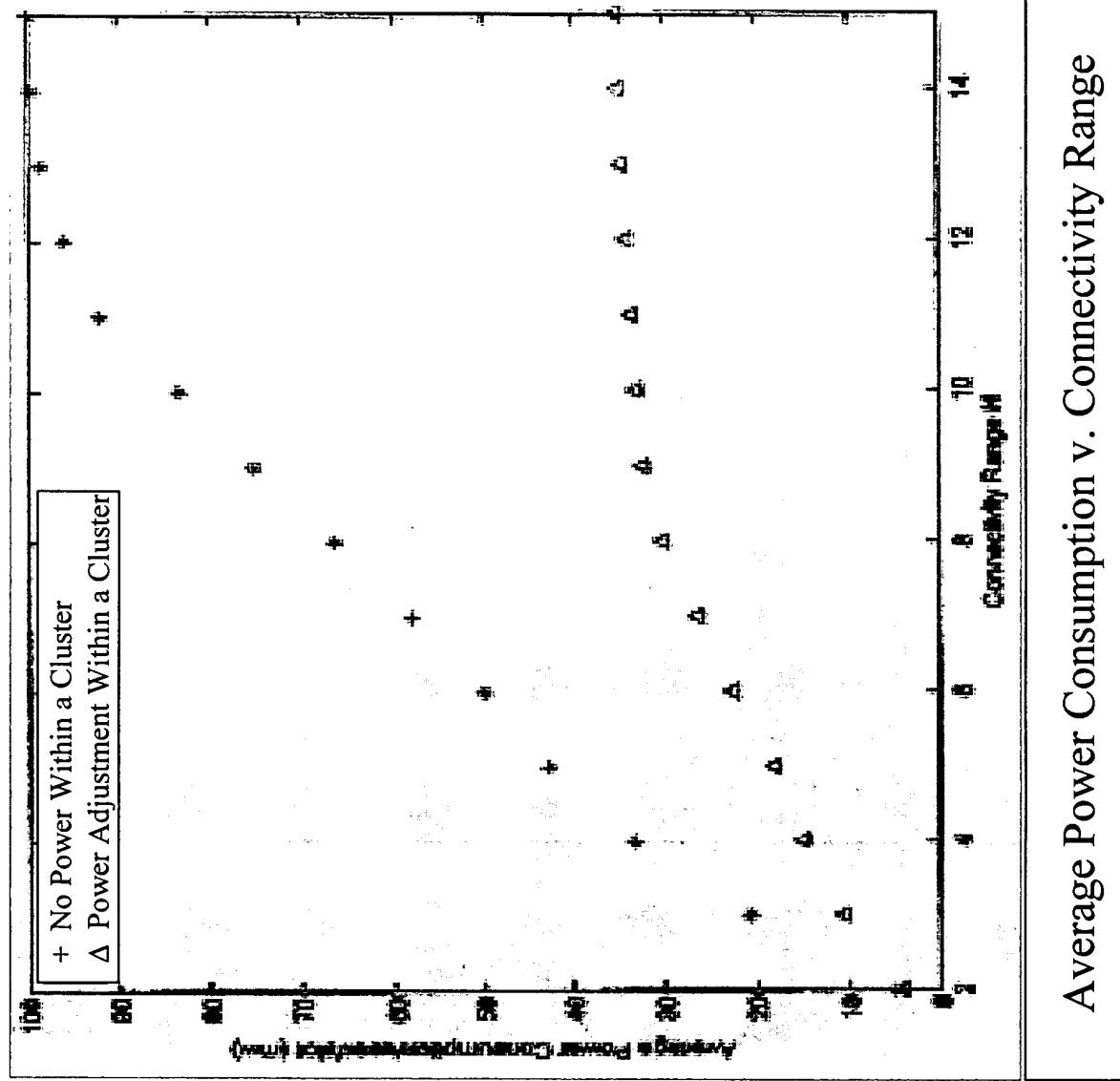
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End-to-End Network Throughput v. Connectivity Range N

FIG 9

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Average Power Consumption v. Connectivity Range

FIG 10